

POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION					
01 STATE	02 SITE NUMBER				
TN	D005462601				

	ATION AND ASSESSMEN	IT LIN	D005462601
IL SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of ate)	02 STREET, HOUTE NO., OR SE	ECIFIC LOCATION IDENTIFIER	
Indiana Harbor Wks., J & L Steel Corp.	3001 Dickey F	·A	
oschy	3001 Dickey R	COUNTY	07-COUNTY 08 CONG
Took (This area	TN 46212	Tales	CODE DIST
East Chicago 09 COORDINATES LATITUDE LONGITUDE	IN 46312	Lake	89 1
			l l
41° 38 ' 55!' 087° 28 ' 00"			
From the Indianapolis toll road, go nort Go east on 912 to Dickey Rd. Go right	•		
III. RESPONSIBLE PARTIES			
01 OWNER (# snown)	02 STREET (Business, making resid	(ential)	
Jones & Laughlin Steel Corp.	900 Agnew		1
03 CITY	04 STATE 05 ZIP CODE	06 TELEPHONE NUMBER	T
Dittohuma	D. 35007	(412) 004 1000	1
Pittsburg 07 OPERATOR (# above and different from owner)	PA 15227	(412) 884-1000	<u> </u>
		·	1
C. Broman, Supt. Env. Control	3001 Dickey R		
D9 CITY	10 STATE 11 ZIP CODE	12 TELEPHONE NUMBER	1
East Chicago	IN 46312	219 391-2330	
13 TYPE OF OWNERSHIP (Check one)			
Agency name:	□ C. STATE	DD.COUNTY DE.MU	INICIPAL
□ F. OTHER:	D G. UNKNO	WN	
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check of that appro)			
TO A. RCRA 3001 DATE RECEIVED: 8/18/80 & B. UNCONTRO	LLED WASTE SITE (CERCIA 103 SI	DATE RECEIVED: 6	9:81 D.C.NONE
IV. CHARACTERIZATION OF POTENTIAL HAZARD		MONTH D	AY YEAR
01 ON SITE INSPECTION 7/27/77 BY (Check all that apply)	¥.		
TES DATE 12/10/62	PA CONTRACTOR GC FICIAL GF, OTHER:		CONTRACTOR
LI NO		(Specify)	
CONTRACTOR NAME(S)			
02 SITE STATUS (Check one) 03 YEARS OF OPE	1070		1
ID A. ACTIVE □ B. INACTIVE □ C. UNKNOWN	1970 Drese BEGNAPIG YEAR ENDING YE	AR UNKNOW	N
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED	Pa		
Sludge (toxic, persistent)	Bases		j
Heavy metals (toxic, persistent)			1
Oily waste (flammable)			
Acids (toxic, corrosive, incompatable) 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION			
Groundwater (population, environment)	Direct Co	ntact (populat	ion on diameter
Surface water (population, environment)	Direct CO	neace (popular	ton, environme
Vapor release (population, environment)		osion (populat	ion, environme
vapor rerease (popuration, environment)			
V. PRIORITY ASSESSMENT			
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste in	formation and Part 3 - Description of Hazard	out Conditions and Incidents)	
🛱 A. HIGH 🖸 B. MEDIUM 🔯 C. LOW	D D. NONE	action needed, complete current dispos	alton formi
VI. INFORMATION AVAILABLE FROM	 		
01 CONTACT 02 OF /Agency/Orgs	ARRIEN)		03 TELEPHONE NUMBER
George Oliver 20 1/84 Indiana	Dalla - Dallid - 6 17		⁽ 317 ⁾ 243–5038
04 PERSON RESPONSIBLE FOR ASSESSMENT 105 AGENCY	State Board of H	PA1Th O7 TELEPHONE NUMBER	08 DATE
		į.	7,13,84
Steve Gentry LPC	ISBH	(317) 243-5039	MONTH DAY YEAR
PA FORM 2070-12 (7-81)	$+ v_{\nu i}$		

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POTENTIAL HAZARDOUS WASTE SITE

L IDENTIFICATION

01 STATE | 02 SITE NUMBER

VEI	7 4			EINFORMATION		IN DOO	5462601
II. WASTE S	TATES, QUANTITIES, AN	D CHARACTER				····	
DI PHYSICAL STATES (Check as that apply) O2 WASTE QUANT (Measures: W A SOLID B POWDER, FINES C C, SLUDGE G GAS		ITY AT SITE If weste quentries Independent; If A TOXIC If B CORROSIVE If C RADIOACTIV If D PERSISTENT		OSIVE K G FLAN	UBLE EL I. HIGHLY CTIOUS LI J. EXPLOS AMABLE EJ K. REACT	SIVE IVE PATIBLE	
III. WASTE T	YPE	L		I			
CATEGORY	SUBSTANCE N	IAME	01 GROSS AMOUNT	02 UNIT OF MEASUR	E 03 COMMENTS		
SLU	SLUDGE		@200	gal/day	decanter s	ludge, WWTP	filter cak
OLW	OILY WASTE		unknown		PCB?		
SOL	SOLVENTS						
PSD	PESTICIDES						
occ	OTHER ORGANIC CH	HEMICALS			nhenols.	cyanide, PCB	
ЮС	INORGANIC CHEMIC	ALS					
ACD	ACIDS		unknown		pickle li	quors	
BAS	BASES		11		i		·
MES	HEAVY METALS	·	11	<u> </u>	slag, slu	dges	
IV. HAZARD	OUS SUBSTANCES (544 A	ppendix for most freque	ntly cited CAS Numbers)				Lacusta incom
01 CATEGORY	DRY 02 SUBSTANCE NAME 03 CAS NUMBER 04 STORAGE		04 STORAGE DE	SPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION	
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			<u> </u>			<u> </u>	<u> </u>
V. FEEDSTO	CKS (See Appendix for CAS founds	ers)					
CATEGORY	01 FEEDSTOC	K NAME	02 CAS NUMBER	CATEGORY	O1 FEEDST	OCK NAME	02 CAS NUMBER
FDS				FDS			
FDS				FDS			
FDS			T	FDS			
FDS				FDS			
VI. SOURCES	OF INFORMATION FOR	specific references, e.g	., state files, sample analysis.	reports /		·	
	nd and water po					· .	
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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

L IDENTIFICATION 01 STATE 02 SITE NUMBER IN D005462601

PART 3 - DESCRIPTION OF HA	AZARDOUS CONDITIONS AND INCIDE	NTS	
II. HAZARDOUS CONDITIONS AND INCIDENTS			
01 A. GROUNDWATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED: 0	02 DOBSERVED (DATE) 04 NARRATIVE DESCRIPTION	POTENTIAL	D ALLEGED
Geology on this site is poor for attenuation		dy and highly per	meable. There
are unlined lagoons and injection wells on a	site that could contaminate gro	undwater resource	es. See Item F.
	-		
01 X B. SURFACE WATER CONTAMINATION	02 DBSERVED (DATE:)	F POTENTIAL	☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION	д	
Surface waters of Lake Michigan and the Gran	nd Calumet River may be contamin	nated by the migr	ration of
pollutants in groundwater. See Item A.	•		
01 (\$\textit{A}\$ C. CONTAMINATION OF AIR 03 POPULATION POTENTIALLY AFFECTED: 10,000,000.	02 OBSERVED (DATE:)	□ POTENTIAL	☐ ALLEGED
There is potential for air contamination flux		on site, specifi	cally
particulates of fly ash and baghouse dust, i		a. o.c., Special	, , , , , , , , , , , , , , , , , , ,
	•		
01 🕅 D. FIRE/EXPLOSIVE CONDITIONS	02 D OBSERVED (DATE:)	T: POTENTIAL	□ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: > 1000	04 NARRATIVE DESCRIPTION	•	j
Oily wastes are stored in open lagoons. Vol	latile oils have been found in a	manhole and in	the ship
canal (Nov. 82 & Aug. 80). Neither incident	t could be directly linked to J	& L.	i
01 TE DIRECT CONTACT 10 000 000	02 T OBSERVED (DATE 7/8/81)	E POTENTIAL	C ALLEGED
03 POPULATION POTENTIALLY AFFECTED 10,000,000 Oil was found leaking out of a PCB labeled to	04 RARRATIVE DESCRIPTION		£ 123.22
where an outside contractor was working.	Taistoriier and down into the be	senent or a plan	r printrand
01 K F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: 7	02 TO OBSERVED (DATE 1973-1979+) 04 NARRATIVE DESCRIPTION III	X POTENTIAL INETOUS OCCASIONS	□ ALLEGED
(Acres)			3
Pickle liquor is disposed of in a shallow pigallons/month) H ₂ SO ₄ was dumped on plant pro			
were "spread" on plant property and disposed sludge deposited on site.	of in west acid mits (4/12/78)). There are the	sour meagings
Of W.C. BOWNING WATER CONTAMBLETION		E POTENTIAL	
03 POPULATION POTENTIALLY AFFECTED. 2 139, 130	02 DBSERVED (DATE)		□ ALLEGED
See Items A & B. The drinking water source are within 3 miles of the site.	in this area is take Michigan.	Hast Unicago wa	ter intakes
are within 5 miles of the site.			,
· -			
01 X: H. WORKER EXPOSURE/INJURY	02 D OBSERVED (DATE:)	TO POTENTIAL	□ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: > 20.	04 NARRATIVE DESCRIPTION		
LOUI E.			
]
·	·		
01 XI. POPULATION EXPOSURE/INJURY 03 POPULATION POTENTIALLY AFFECTED: 139,130	02 DOBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	TO POTENTIAL	☐ ALLEGED
There is a potential for exposure through dr		contamination.	In addition.
there is a potential for population exposure			
		_	

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

L. IDENTIFICATION

01 STATE 02 SITE NUMBER

ALIV	PART 3 - DESCRIPTION OF	HAZARDOUS CONDITIONS AND	INCIDENTS LIN	1 1005462601
M. HAZARDOUS CONDI	TIONS AND INCIDENTS (Continued)			
01 🖺 J. DAMAGE TO FLO 04 NARRATIVE DESCRIPT		02 OBSERVED (DATE:) IN POTENTIA	AL [] ALLEGED
See Item F.		•	S.	
01 © K. DAMAGE TO FAI 04 NARRATIVE DESCRIPT	UNA TON (Include name(s) of species)	02 (DATE:) In POTENTIA	AL ALLEGED
	is located on the shore the lake's ecosystem.	of Lake Michigan, there is	a substantial pote	ential for
01 K. L. CONTAMINATION 04 NARRATIVE DESCRIPT		02 D OBSERVED (DATE:	POTENTIA	AL 🗆 ALLEGED
See Item K. Hea	vy metals entering surfac	ce waters may affect the foo	od chain in Lake Mi	chigan.
01 K M UNSTABLE CON	TAINMENT OF WASTES	02 🗆 OBSERVED (DATE:) D POTENTIA	AL DALLEGED
On 2/26/81, pick	lally AFFECTED: le liquor sump overflower of Lake Michigan from a l	o4 NARRATIVE DESCRIPTION of to ground. Injection well proken pipe (6/26/80). PCB were not contained or shall	ls used on site. A leakage on site 7/	cids were found /8/81. There
01 I N DAMAGE TO OF	FSITE PROPERTY	02 () OBSERVED (DATE:) K POTENTIA	AL D'ALLEGED
• • • • • • • • • • • • • • • • • • • •	- 	f groundwater contaminants o	on site. Potential	damage to the
01 X: O. CONTAMINATIO 04 NARRATIVE DESCRIPT		TIPS 02 DOBSERVED (DATE. 9/19/	78) K POTENTA	AL X ALLEGED
Stray oil and pho to city sewer (1)	enol were found in area of 2/30/81). There is the p	of samitary and storm sewers cotential for infiltration o	s. Coke plant liquof contaminants to	or was discharged sewers.
01 🛣 P. ILLEGAL/UNAUT 04 NARRATIVE DESCRIPT	HORIZED DUMPING	02 DOBSERVED (DATE:) D POTENTIA	AL D ALLEGED
Discharge was con Lake Michigan.	ning underground from the	e lagoon to pumphouse. Acid	ls and oils were di	scharged to
The plant was oft	OTHER KNOWN, POTENTIAL, OR A CEN observed as having we put was filled and aban	LLEGED HAZARDS ary poor "housekeeping". The adoned by 5/12/81. J&L ad	ere was trash, oil	spills, etc. found
were not operated	according to regulation	s. Possible onsite storage	of POB.	prode figur inger
NI. TOTAL POPULATION	POTENTIALLY AFFECTED:			
IV. COMMENTS				
This company had the Law. A RCRA	numerous air and water e inspection is a top prio	mission/effluent violations rity.	and appear to oper	rate just inside
V. SOURCES OF INFOR	MATION (Cite specific references, s. g., stere	Ses, semple analysis. Paports/		
ISBH files. E & E, Preliminar	y Assessment.			

ben, TSD part A 80-11-18 (

EXECUTIVE SUMMARY

Approved	EPA ID# IND005462601	WINDSHIELD SURVEY YES X NO						
by lak Cho p/12/04	Original Company Name: Indiana Harbor	iks						
ak Cho	Revised Company Name: Indiana Harbor Wi	cs., J & L Steel Corp.						
0/12/84	Alias Names: Jones & Laughlin	Steel Corp.						
	Original X Address: 3001 Dickey Rd. Corrected East Chicago, IN 46312 Lake County							
	X Landfill X Generator	X Treatment, Storage, Disposal (TSD)						
	Transporter Other:							
	PRIORITY ASSESSMENT: X HIGH MEDIUM 1	LOW NO FURTHER ACTION (NONE)						
	CLASS: I-STATE LEADX II-REM/FIT LEAD State Accompanie: FIT	III-REM/FIT LEAD IV OTHER: State Involvement						
	State Priority Assessment Justification poor for the attenuation of pollutants creates a substantial potential for consurface waters. The J & L Corp. has he reports and a large number of violation addition, J & L has used questionable many years. For these reasons, a high	ntamination of groundwater and nearby ad numerous unsatisfactory inspection as for air and water standards. In waste disposal practices on site for						
	needed to confirm the presence of heavy complete composite of soil samples is	needed to ascertain whether or not s. The current status and condition of						
	STATE INVOLVEMENT							
	COMPLETE DOCUMENTS: X Preliminary Assessments Site Inspection Follow-up Site Inspection Responsible Party Search Hazard Ranking System (HRS)	REVIEW DOCUMENTS: Preliminary Assessments X Site Inspection X Follow-up Site Inspection X Responsible Party Search X Hazard Ranking System (HRS)						
	Prenared hv: Stenhen Gentry	Phone: (317)243_5030 Date: 7/13/84						

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

	TEICATION
01 STATE	02 SITE NUMBER
TN	D005/62601

VLIA	PART 1 - SITE II	NFORMATIC	ON AN	D ASSESSME	NT	LIN_1	DO0546	2601
II. SITE NAME AND LOCATION							··········	
01 SITE NAME (Lagal, common, or descriptive name of site)		03	STREET	, ROUTE NO., OR S	SPECIFIC LOCA	ATION IDENTIFIER		
Indiana Harbor Wks., J &	L Steel_Co	rp.	.300	1 Dickey	Rd.			
03 CITY		04	STATE	05 ZIP CODE 0	6 COUNTY		07 COU	NTY 08 CONG DIST
East Chicago			IN	46312	Lake		89	1
09 COORDINATES LATITUDE	LONGITUDE							
_41°_38'_55!'_	87° 28' 00"	<u>'</u>						
10 DIRECTIONS TO SITE (Starting from nearest public road)								
From the Indianapolis to Go east on 912 to Dickey								912.
III. RESPONSIBLE PARTIES								
01 OWNER (# known)		02	STREET	(Business, malling, res	idential)			
Jones & Laughlin Steel C	orp.		900	Agnew				
03 CITY		04	STATE	05 ZIP CODE	06 TELEPI	HONE NUMBER		
Pittsburg		1.	PA	15227	(412)	884-1000	1	
07 OPERATOR (# Imown and different from owner)				(Business, meting, res	udentiel)	004 1000	. <u>t</u>	
C. Broman, Supt. Env. Co	ntrol	ļ	3 00	l Dickey	Da			
OP CITY	1101	10	STATE	11 ZIP CODE	12 TELEPI	HONE NUMBER	1	
T		į			()		ł	
East Chicago 13 TYPE OF OWNERSHIP (Check pro):			IN	46312	1219	391-2330	<u> </u>	
X A. PRIVATE D B. FEDERAL:				. C. STATE	□p.cou	INTY DEMU	NICIPAL	1
☐ F. OTHER:	(Agen	icy name;		. ⊟GUNKKK	NAN.			
14 OWNER OPERATOR NOTIFICATION ON FILE (CINC)	(Specify)							
		00417704 ED	 	por		6.	Q . 81 -	- 0 NONE
X A. ROPA 3001 DATE RECEIVED 8/	raped the first of the season of the billion of the season	CONTROUEL		SHERERILE 103	C DATE RE	SEIVED D	AV YEAR	C. NONE
IV. CHARACTERIZATION OF POTENTIAL F	on The same transport of the same should be same to the same should be same to the same same same same same same same sam					and the same and t		Philippine reported the second
01 ON SITE INSPECTION 7/27/77	BY (Check all that app A. EPA	B. EPA C	ONTRA	יא פרור	C. STATE	D. OTHER	CONTRACT	Ob
X YES DATE 12/16/82	10 E. LOCAL HE		_					
0 NO	CONTRACTOR	NAME(S)				(Specify)		
02 SITE STATUS (Check one)		RS OF OPERATION	ON					
TO A. ACTIVE B. INACTIVE C. UNI	KNOWN		970	pres	ent_	□ UNKNOW	N	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESE	NT KNOWN OR ALLEY		NAME YE	AR ENDING	/EAR			
Sludge (toxic, persiste	nt)	20		Base	s			
Heavy metals (toxic, pe	rsistent)							
Oily waste (flammable)								
Acids (toxic, corrosive of Description of Potential Hazard to Enviro	. incompata	ble)						
Groundwater (population				D: C.		(1 -+-		
Surface water (populati						(populat:		
	-	-		rire/Exp.	losion	(populat	ion, er	vironme
vapor rerease (popurati	on, environ	ment						
V. PRIORITY ASSESSMENT								
01 PRIORITY FOR INSPECTION (Check one. If high or medic	m is checked, complete Pert	2 - Waste Informati	ion and Per	3 - Description of Haza	rdous Conditions	and incidents)		
A. HIGH B. MEDII Baspecian required promptly) B. MEDII Baspecian required promptly)		LOW Inspect on time avei	-	D. NONE		complete current dispos	tion form!	
VI. INFORMATION AVAILABLE FROM								
01 CONTACT	D2 OF #	Lgency/Organization	N				03 TELEPHO	NE NUMBER
બે ્	1/0/0							
George Oliver JO 04 PERSON RESPONSIBLE FOR ASSESSMENT				Soard of I				<u>43-5038</u>
THE CHARGE CHARGE FOR ASSESSMENT	05 AGE	~ i°	JO UPILIA	NIZATION	1	PHONE NUMBER	08 DATE . 7.	13,84
Steve Centry	מסו	1	TCI	11	1(317)	243-5039	· · · · · · · ·	

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POTENTIAL HAZARDOUS WASTE SITE

I. IDENTIFICATION O1 STATE 02 SITE NUMBER				
01 STATE	02 SITE NUMBER			
TN	0005462601			

*E	7 A			' ASSESSMENT E INFORMATION		IN DOO	5462601
II. WASTES	TATES, QUANTITIES, AN	ID CHARACTER			<u> </u>		
O1 PHYSICAL STATES (Check as that apply) (Measures (Measures) (Meas				O3 WASTE CHARACTERISTICS (Check an that apply) X A TOXIC X B CORROSIVE C C RADIOACTIVE X D PERSISTENT X D PERS			
III. WASTE T		NO OF BROMS		1		· · · · · · · · · · · · · · · · · · ·	
CATEGORY	SUBSTANCE N	IAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS		
SLU	SLUDGE		@200	gal/day	de cauter s	ludge, WWTP i	filter cake
OLW	OILY WASTE		unknown		PCB?		
SOL	SOLVENTS						
PSD	PESTICIDES						
occ	OTHER ORGANIC CH	HEMICALS			phenols,	cyanide, PCB	
ЮС	INORGANIC CHEMIC	ALS					
ACD	ACIDS		unknown	ļ	pickle li	quors	
BAS	BASES HEAVY METALS		11				····
MES	OUS SUBSTANCES (See A		<u>.l</u>	<u></u>	slag, slu	dges	
01 CATEGORY	02 SUBSTANCE N		03 CAS NUMBER	04 STORAGE DISF	POSA: METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
0.00.00.00	OI OODS IN IOC.					- CO CONTOLINION	CONCENTRATION
			ļ	<u> </u>			
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<u> </u>			 	 	···········	 	
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V. FEEDSTO	CKS (See Appendix for CAS Numb	ers)	<u> </u>		· · · · · · · · · · · · · · · · · · ·	<u> </u>	<u> </u>
CATEGORY	01 FEEDSTOC		02 CAS NUMBER	CATEGORY	01 FEEDST	OCK NAME	02 CAS NUMBER
FDS				FDS			
FDS			<u> </u>	FDS			
FDS				FDS			
FDS				FDS	_		
VI. SOURCES	OF INFORMATION A	specific references, e.g.	, state files, sample analysis,	reports /			
ISBH la	nd and water po	ollution f	iles.				

.C.EPΔ

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

L IDENTIFICATION

01 STATE 02 SITE NUMBER

TN DOOS 46 26 01

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS				
II. HAZARDOUS CONDITIONS AND INCIDENTS				
01 N A GROUNDWATER CONTAMINATION 02 DOBSERVED (DATE) N POTENTIAL DALLEGED 03 POPULATION POTENTIALLY AFFECTED 0 4 NARRATIVE DESCRIPTION Geology on this site is poor for attenuation of pollutants. Soils are sandy and highly permeable. There are unlined lagoons and injection wells on site that could contaminate groundwater resources. See Item F.				
01 & B SURFACE WATER CONTAMINATION 03 POPULATION POTENTIALLY AFFECTED:	02 □ OBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	F POTENTIAL	☐ ALLEGED	
Surface waters of Lake Michigan and the Grand Calumet River may be contaminated by the migration of pollutants in groundwater. See Item A.				
01 days contamination of air 03 POPULATION POTENTIALLY AFFECTED 10,000,000. There is potential for air contamination due	to the nature of the industry on	© POTENTIAL site, specific	Cally,	
particulates of fly ash and baghouse dust, w	hich may become airborne.	_		
01 X D. FIRE/EXPLOSIVE CONDITIONS 03 POPULATION POTENTIALLY AFFECTED: > 1000 Oily wastes are stored in open lappons. Vol		X POTENTIAL	□ ALLEGED	
Oily wastes are stored in open lagoons. Volatile oils have been found in a manhole and in the ship canal (Nov. 82 & Aug. 80). Neither incident could be directly linked to J & L.				
OF THE DIRECT CONTACT OS POPULATION POTENTIALLY AFFECTED 10,000,000 Oil was found leaking out of a PCB labeled to where an outside contractor was working.	02 TO OBSERVED (DATE 7/8/81) 04 NARRATIVE DESCRIPTION Transformer and down into the bases	K POTENTIAL	E ALLEGED	
01 X F. CONTAMINATION OF SOIL 03 AREA POTENTIALLY AFFECTED: (Acres)		X POTENTIAL TOUS OCCASIONS	□ ALLEGED	
Pickle liquor is disposed of in a shallow pi gallons/month) HiSO4 was dumped on plant pro were "spread" on plant property and disposed sludge deposited on site	perty 1600 ft. from Lake Michigan	. Terminal las	goon dredgings	
01 K G DRINKING WATER CONTAMINATION > 139,130 O3 POPULATION POTENTIALLY AFFECTED > 139,130 See Items A & B. The drinking water source are within 3 miles of the site.	02 DBSERVED (DATE)	K POTENTIAL	ALLEGED	
01 X) H. WORKER EXPOSURE/INJURY 03 WORKERS POTENTIALLY AFFECTED: > 20 See Item E.	02 DOBSERVED (DATE:) 04 NARRATIVE DESCRIPTION	E POTENTIAL	□ ALLEGED	
01 NI POPULATION EXPOSURE/NURY 03 POPULATION POTENTIALLY AFFECTED: 139,130 There is a potential for exposure through dr there is a potential for population exposure	02 DOBSERVED(DATE) 04 NARRATIVE DESCRIPTION inking water and surface water constitution of fish from	E POTENTIAL ntamination. Lake Michigan	D ALLEGED In addition,	
	•		•	

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POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

L IDENTIFICATION
01 STATE 02 SITE NUMBER
IN D005462601

, All to begoin flott of the					
II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)					
01 🛣 J. DAMAGE TO FLORA 04 NARRATIVE DESCRIPTION	02 DBSERVED (DATE:)	POTENTIAL	D ALLEGED		
See Item F.					
01 © K. DAMAGE TO FAUNA 04 NARRATIVE DESCRIPTION (Include name(s) of species)	02 🗆 OBSERVED (DATE:)	& POTENTIAL	□ ALLEGED		
Since this plant is located on the shore contamination of the lake's ecosystem.	of Lake Michigan, there is a subs	tantial potentia	al for		
01 T. L. CONTAMINATION OF FOOD CHAIN 04 NARRATIVE DESCRIPTION	02 OBSERVED (DATE:)	X POTENTIAL	□ ALLEGED		
See Item K. Heavy metals entering surface waters may affect the food chain in Lake Michigan.					
01 1 M. UNSTABLE CONTAINMENT OF WASTES (Solls:runoff standard boulds:heating drums)	02 DBSERVED (DATE:)	[] POTENTIAL	□ ALLEGED		
03 POPULATION POTENTIALLY AFFECTED:	04 NARRATIVE DESCRIPTION		_		
On 2/26/81, pickle liquor sump overflowed to ground. Injection wells used on site. Acids were found entering waters of Lake Michigan from a broken pipe (6/26/80). PCB leakage on site 7/8/81. There					
were piles of baghouse dust on site which of X n DAMAGE TO OFFSITE PROPERTY OF NARRATIVE DESCRIPTION	were not contained or sheltered. 02 □ OBSERVED (DATE:)	* POTENTIAL	D ALLEGED		
There is a potential for the migration of Indiana Harbor.	groundwater contaminants on site.	. Potential dan	age to the		
D1 X O. CONTAMINATION OF SEWERS, STORM DRAINS, WWT O4 NARRATIVE DESCRIPTION	Ps 02 0 08SERVED (DATE 9/19/78)	E POTENTAL	X WIEGED		
Stray oil and phenol were found in area of sanitary and storm sewers. Coke plant liquor was discharged to city sewer $(12/30/81)$. There is the potential for infiltration of contaminants to sewers.					
01 🛣 P. ILLEGAL/UNAUTHORIZED DUMPING 04 NARRATIVE DESCRIPTION	02 D OBSERVED (DATE:)	☐ POTENTIAL	□ ALLEGED		
Discharge was coming underground from the lagoon to pumphouse. Acids and oils were discharged to Lake Michigan.					
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALL	EGED HAZAROS		·		
The plant was often observed as having very poor "housekeeping". There was trash, oil spills, etc. found					
on site. An acid pit was filled and abandoned by 5/12/81. J&L admitted that their pickle liquor lacod					
were not operated according to regulations. Possible onsite storage of PCB.					
III. TOTAL POPULATION POTENTIALLY AFFECTED:					
IV. COMMENTS					
This company had numerous air and water em the law. A RCRA inspection is a top prior	ission/effluent violations and apity.	pear to operate	just inside		
V. SOURCES OF INFORMATION (Cite specific references, e.g., stere files, sample analysis, reports)					
ISBH files.					
E & E, Preliminary Assessment.	•				
= a b, Herminery assessment.			•		

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IN-0097

Gen, TSD Part A 80-11-18 (1

EXECUTIVE SUMMARY

Approved	EPA 1D# INDUOS402001	WINDSHIELD SURVEY TES X NO			
by 9k Cho 9/12/84	Original Company Name: Indiana	Harbor Wks			
ak Cho	Revised Company Name: Indiana Harbor Wks., J & L Steel Corp.				
1/12/84	Alias Names: Jones & 1	aughlin Steel Corp.			
	Original X Address: 3001 East Lake	Chicago, IN 46312			
	X Landfill X Generato	X Treatment, Storage, Disposal (TSD)			
	Transporter Othe	r:			
	PRIORITY ASSESSMENT: X HIGH MEDIUM	LOW NO FURTHER ACTION (NONE)			
****		IT LEADIII-REM/FIT LEADIV OTHER: companiesImited On-site			
	poor for the attenuation of pocreates a substantial potential surface waters. The J & L Correports and a large number of addition, J & L has used quest many years. For these reasons	ification: Geology at the J&L facility is very llutants. Soils are extremely porous, which I for contamination of groundwater and nearby b. has had numerous unsatisfactory inspection violations for air and water standards. In ionable waste disposal practices on site for a high priority assessment is assigned. X SI Follow-up SI RPS HRS			
	Since no monitoring wells exist on site, ground and surface water sampling is needed to confirm the presence of heavy metals and other contaminants. A				
	complete composite of soil samples is needed to ascertain whether or not contamination exceeds acceptable limits. The current status and condition of disposal pits on site needs to be investigated.				
·.		STATE INVOLVEMENT			
	COMPLETE DOCUMENTS: X Preliminary Assessments Site Inspection Follow-up Site Inspection Responsible Party Search Hazard Ranking System (HRS	REVIEW DOCUMENTS: Preliminary Assessments Site Inspection Tollow-up Site Inspection Responsible Party Search Hazard Ranking System (HRS)			
	Prepared by: Stephen Gentry	Phone: (317)243-5039 Date: 7/13/84			